

IN THE ABSTRACT:

Please amend the abstract as follows:

~~The invention concerns a~~ A ~~method which consists in:~~ for non-invasive ambulatory exploration, includes causing the subject to swallow at least one emitting element ~~(E)~~ ingestible but non-digestible including a device for ~~comprising means~~ transmitting at a given fixed frequency; measuring, at a given time using at least three reception ~~means (R1, R2, R3)~~ devices distributed around ~~said the~~ subject's trunk, the phase shift of the frequency transmitted by ~~said the~~ transmission ~~means~~ devices relative to a reference phase; determining by triangulation on the basis of the three phase-shift measurements the position of ~~said the~~ element; defining based on the position of ~~said the~~ element a digestive motility and/or passage data. Thus, it is possible to assess: gastric emptying time, gut and colic motility; depending on the weight of the transmitter, gastric, intestinal and colic activity and propulsive force of the stomach, the bowel and the colon; the length of the small intestine and of the colon.

ABSTRACT

A method for non-invasive ambulatory exploration, includes causing the subject to swallow at least one emitting element ingestible but non-digestible including a device for transmitting at a given fixed frequency; measuring, at a given time using at least three reception devices distributed around the subject's trunk, the phase shift of the frequency transmitted by the transmission devices relative to a reference phase; determining by triangulation on the basis of the three phase-shift measurements the position of the element; defining based on the position of the element a digestive motility and/or passage data. Thus, it is possible to assess: gastric emptying time, gut and colic motility; depending on the weight of the transmitter, gastric, intestinal and colic activity and propulsive force of the stomach, the bowel and the colon; the length of the small intestine and of the colon.